

Koshimo, A. and Shimoyama, T.
A STUDY OF THE MECHANISM OF DYEING NYLON
6 FIBERS WITH ACID DYES. [Jan 64] 6p
Order from ATS \$9.75

Trans. of Semi-1 Gakkaishi (Japan) 1963, v. 19,
p. 369-372

DESCRIPTORS: Dyes, Acids, \*Fibers (Synthetic),
\*Nylon, \*Dyeing,

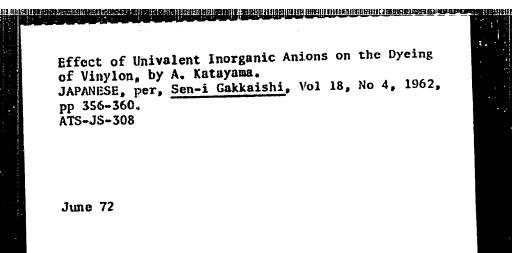
(Materials--Textiles, TT, v. 11, no. 10)

Corrosion of Atmospheric &Crude Distillation Towers in Oil Refineries in Japan: Rept.From Committee on Corrosion Prevention, JAPANESE, per, Sekiyu Gakkai Shi, Vol V, 1962, No 8, pp 578-581.

ATS 37R76j

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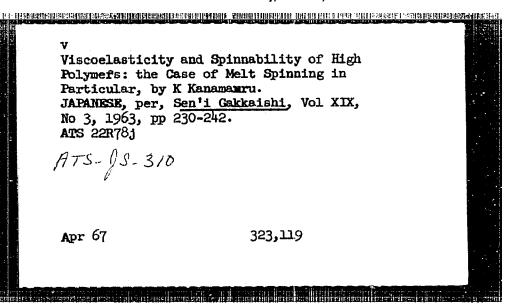
322,999



Studies on the Dyeing Properties of Acrylic Fibers I. The Effects of Thermal Treatments of Acrylic Fibers on the Dyeing Property and Uniform Dyeing, by Akira Takaoka, 18pp JAPANESE, per, Sen-i Gakkaishi, Vol 18, 1962, No 8, pp 741-748 SIA TT-64-18491

Sci - Mat June 67

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Studies on the Dry Spinning of Acetate Fibres, Pts, 1 and 2, by T. Kamiya, K. Hirokawa.

JAPANESE, per, Sen'I Gakkai Shi, No 19, 1963, pp 64-453 - 464
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Viscoelasticity and Spinnability of High Polymers; The Case of Melt Spinning, in Particular, by K. Kanamaru.

JAPANESE, per, Sen-i Gakkaishi, Vol 19, No 3, 1963, pp 230-242.

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An Automatic Vibrascope. Part I. Principle, Design, and Operation, by K. Wakayama.

JAPANESE, per, Sen-i Kikai Gakkai Shi, Vol 17, No 2, 1964, pp 126-132.

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A Study of the Mechanism of Dyeing Nylon 6 Fibers
With Acid Dyes, By A. Koshimo.

JAPANESE, per, Sen-i Gakkaishi, Vol 19, 1963,
pp 369-372.
ATS-JS-309

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Studies on the Thermal Retraction Behavior of Heat-treated Polyethylene Terephthalte Fibers. Part I. The Temperature Dependence of the Thermal Contractions at Equilibrium, by I. Kuriyama, T. Kawai.

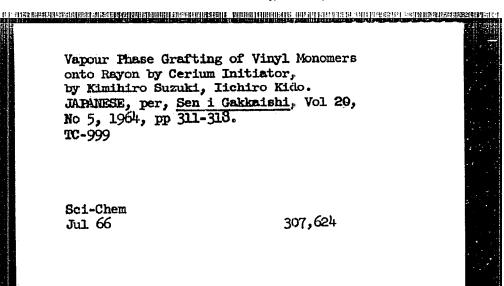
JAPANESE, per, Seni-i-Gakkai Shi, Vol 20, No 4, 1964, pp 215-222.

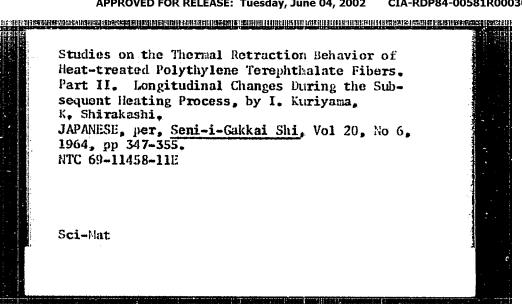
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Spectroscopic Studies on Interaction Between Direct Dyes and Monionic Surfactants, JAPANESE, per, Son-i Gakkaishi, Vol XX, No 10, 1964, pp 662-665.
ATS JS-102

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Studies on the Thermal Properties of Hot Drawn P.E.T. Fibers. Report No. VII. Load Dependence on Dimensional Change in Successive Heating and Cooling Processes Under Constant Rate, by I. Kuriyama JAPANESE, per, Sen-i Gakkaishi, Vol 20, No 11, 1964, pp 695-704 NTC 71-16831-11E

Effects of Swelling Agent on the Thermal Properties of Warm-Drawn P.E.T. Fiber. Part 1. Dependence on the Concentration of the Swelling Agent, for Dimensional Changes at a Constant Temperature, by I. Kuriyama.

JAPANESE, per, Sen-i-Gakkaishi, Vol 20, 1964, pp 705-710.

NTC 72-10385-11E

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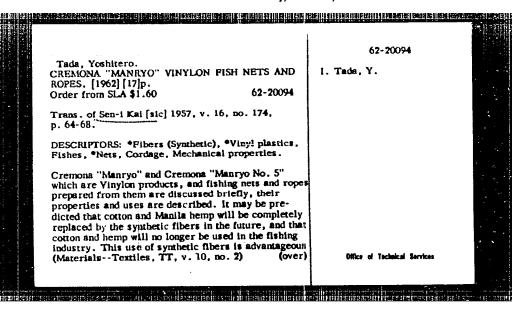
Title: Studies on Wat Dyeing. pp. 778 - 783. Opp

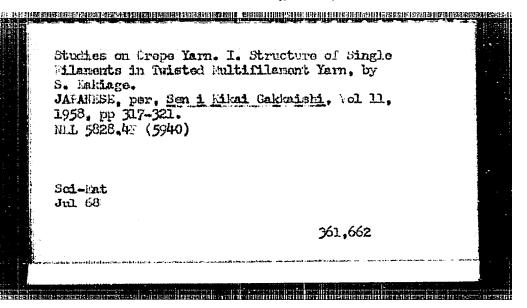
Source: SEE-I Gakkmishi. Vol. 20, No. 12 (1964).

Languago: Japanese.

Special instructions: Please translate & type 1 copy only.

Author: Sokido, Minist Minoru and Kan-ichi latsui.



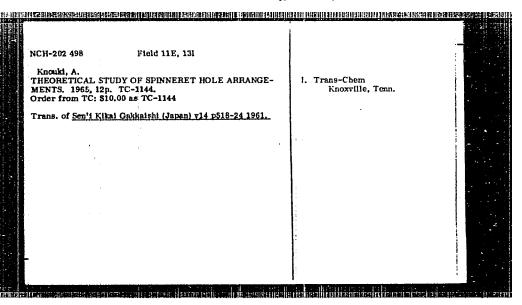


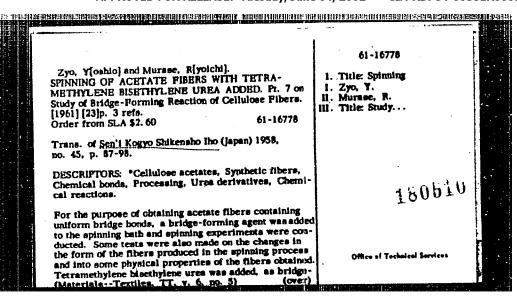
Stuffer-Box Crimping of Slivers, by K. Sasaki.

JAPANESE, per. Sen-i (Kikai) Gakkai Shi, Vol XIV,
No 149, 1961, pp 61-66.

GB/256/T.1507

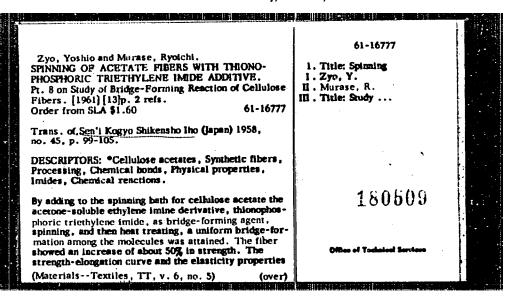
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Hissegawa, Massid.

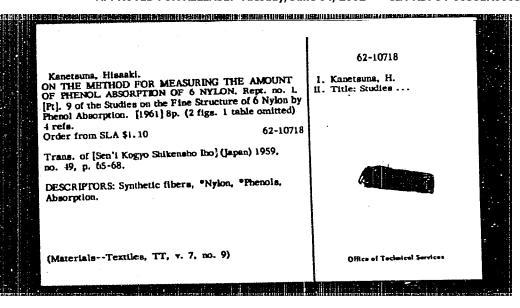
SYNTHESIS OF HIGH POLYMERIC SUBSTANCE FROM LIGNIN. [1962] 9p. 5 refs.
Order from SLA \$1.10 63-10683

Trans. of [Sen'l Kozyo Shikensho Iho] (Japan) 1959, no. 48, p. 1-6.

DESCRIPTORS: \*Lignin, Wood, Wood pulp, \*Polymeris Cyntlectic, \*Aniden, Chemical reactions.

The purpose of the present study lies in the synthesis of bifunctional compounds from vanillin or vanille acid and epichlorohydrin and the synthesis of high polymeric substances from the said compounds as a phase of the research into the utilization of vanillin which is obtained in large quantities from the pulp waste liquor. From the reaction, several kinds of new compounds which can be utilized for high polymeric substances (Chemistry--Organic, TT, v. 10, no. 3) (over)

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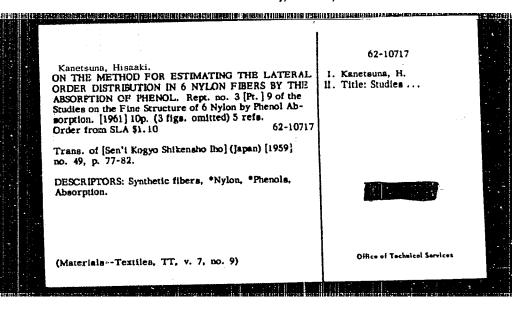


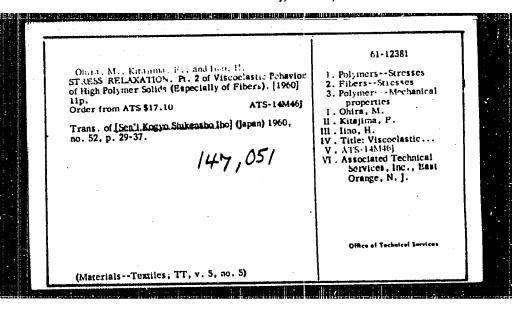
Kanttsuna, Hisaaki.
ON THE SWELLING OF 6 NYLON IN AQUEOUS
PHENOL SOLUTION AND THE BEHAVIOR OF PHENOL SOLUTION AND THE BEHAVIOR OF PHENOL SOLUTION Rept. no. 2 [Pr. 9]. of the Sudies on the Fine Structure of 6 Nylon by Phenol Absorption.
[1961] 14p. (6 figs. omitted) 5 refs.
Order from SLA \$1,60
62-10716

Trans. of [Sen'i Kogyo Shikensho iho] (Japan) [1959]
no. 49, p. 69-76.

DESCRIPTORS: \*Synthetic fibers, \*Nylon, Physical properties, Crystallization, \*Phenols, Absorption.

Tests showed that most of the increase in the amount of the fiber sweiling which takes place in an aqueous solution of phenol is due to the absorption of phenol. The amount of water which is absorbed is extremely small. The absorption heat of phenol on the 6-nylon (Materials--Textiles, TT, v. 9, no. 6) (over)





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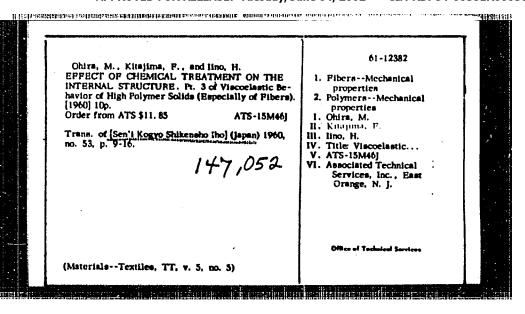
Okada, A., Ishicuka, O. and others.
STUDHES ON THE POLYAZINE-FIBERS, THE NEW
POLYAMIDE-FIBERS WITH PYRIDINE RINGS IN THE
MAIN CHAIN, VII. PROPERTIES OF THE POLYMER
AND FIBERS, [1962] 12p. (11 figs. 10 tables omitted).
Order from SLA \$1, 60

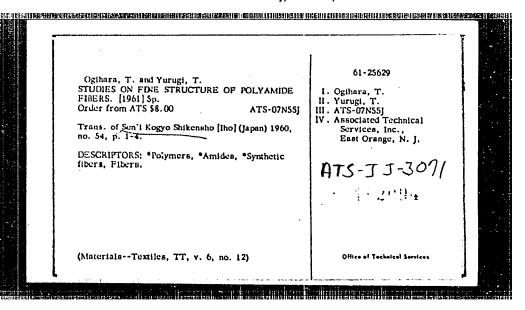
Trans. of Sen'l Kogyo Shikensho lho (Japan) 1960, no. 53, p. 1-8.

DESCRIPTORS: \*Polymers, \*Pibers, Molecular structure, \*Synthetic fibers, \*Pyridines, \*Triazines, \*Amides, Mechanical properties, Elasticity, Tensile properties, Stability, Heart of fusion, Solubility, Viscosity, Density Temperature.

(Materials—Textiles, TT. v. 9, no. 4)

Office of Technical Services





The Sensory Test of Fabrics. Part II. Relation
Between Subjective and Objective Measurements for
Fabric Firmness, by S. Kobayashi.

JAPANESE, per, Sen-i Kogyo Shikenjo Kenkyu Hokoku,
No 67, 1964, 43-53.

NTC-71-10112-11E

Psychology on the Front, 69 pp. UNCLASSIFIED

JAPANESE, praphlet, Senjo Shinrigatu, 1930.

500th MI Gp Tr 96480

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59, 324

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Tamura, Takashi
Prawn (Penseus japonicus) culture
Senkai Zoshokugaku Suisangaku Zenshu (Shallow Water
Aquaculture), series 2: 130-135. In Japanese.

Transl. by JPRS for BCF, Oct. 1970, 12p., typescript.

Avail. on Loan - ECF, Wash., D.C.

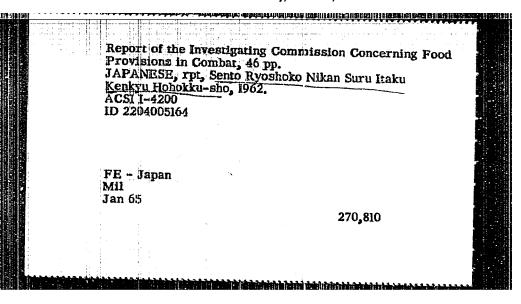
Transonic Wind Tunnel. UNCLASSIFIED

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JAPANUSE, bk, Senonsoku Fudo no Gaiyo, Apr 1957, publ by Japan Aaronautical Laboratory.

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JAPARESE, pemphlet, Scoigata Rackakegata Cycli Tosage Gate Rathasan To Valpill Gliutsutebi Shiker, publ by Technical Research Institute, Rot 15 580, 30 May 1957, 20 pp. (EDC Unknown)

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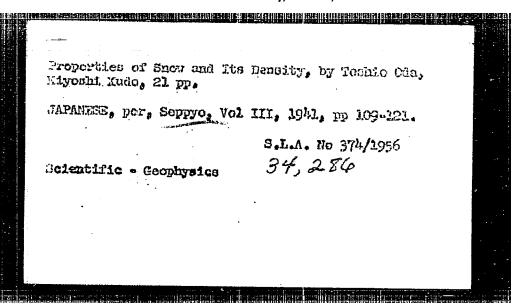
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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP

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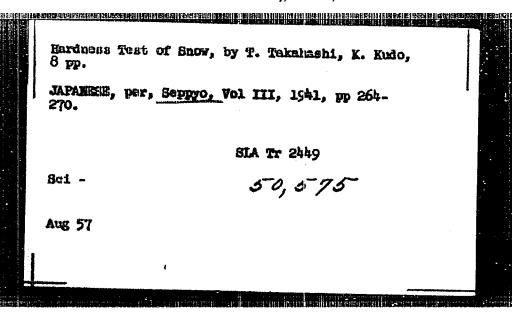


Settling of Snow and Bending of Iron Bars in Snow Cover, by T. Rirata, 11 pp.

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On the Melting of Snow, by Setsuo Tajima,
Yoshilo Mimuro, 4 pp. URCLASSIFIED

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pp 250-263. CIA D 212859

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Proliminary Report of the Model Experiment of Rest
Avalabelies
By: Masso Euroba
Prom: Sepayo 1:295-306, 1941 (8 pp )

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Angle of Kinetic Friction of Snow, by Y. Inaho, 5 PP.

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Freezing of the Sunghali River, Manchuria, by
Masatsugu Murakani, 12 pp. UNCLASSIFIED

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pp 333-342. CIA D 285563

OCE Tr 34

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CTB 72/Sep 1955

On the Hardness of Snow, by Yoshinobu Inaho,
6 pp. UNCLASSIFIED

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CIA D 212860

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Physics

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Studies on Snow Cover, by Toshio Takahashi, 10 pp.

JAPANESE, per, Seppyro, Vol III, 1941, pp 414-418.

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Electrical Resistance of Snow, by H. Shimada, 5 pp.

JAPAMESE, per, Seppyo, Vol III, 1941, pp 503-506.

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Compaction of Snow by Static and Kinetic Loads, by Makoto Magasawa, 8 pp.

JAPANIESE, per, Seppyo, Vol V, 1943, pp 249-256.

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Measurement of the Thermal Conductivity of Snow Cover, by Z.Yosida, H. Twai, 9 pp.

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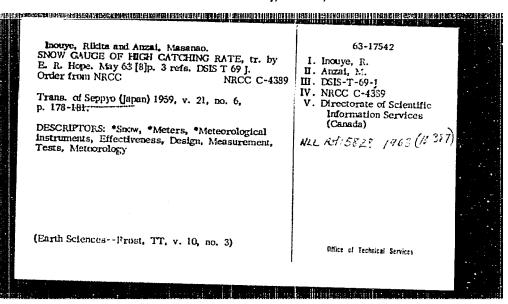
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Test Report on Development of Noctovision Type I Sight. UNCLASSIFIED

JAPANESE, pamphlet, Shageki Shojungu (Anshi Sochi I Gata) no Shisaku Kenkyu, 30 Mar 1957, 21 pp.

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Cybornatics and New Technological Ideology, BH by Mctonori Sugita, 65 pp. OFFICIAL USE ONLY

MAPARESE, per, Shakaigaku Kenbyu, No 2, 1959, pp 101-144.

JPRS 7191

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| al Ideology, by       |                                |
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| , No 2, 1959, pp 101- | 144                            |
| *JPRS                 |                                |
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CONCERNING SOCIALISM IN JAPAN, BY SABURO EDA, 17 PP.

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Railroad Sand Protection in Desert and Semidesert Areas, by M. P. Petlov, 14 pp.

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CHINESE, monograph, Sha-mo Ti-ch'u Ch'u-lu Ching-yen, Feb 1961, pp -154.

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Design and Construction of Desert Roadbed of the Kan-Wu Railroad, 41 pp.

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Several Problems of a Desert Railroad, by Lin Shih-Mpo, 7 pp.

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Asia - China Econ Jan 62

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Sand Protection Experiences of Soviet Union's Ashkhabad Railroad, by D. X I. Piseuweianitse, 20 pp.

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CHINESE, monograph, Sha-mo Ti-ch'u Ch'u-lu Ching-yen, Feb 1961.

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PP 1-108.

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Design Problems of Diesel Engine Joint Connecting Rods, by Le Fo-Chung.
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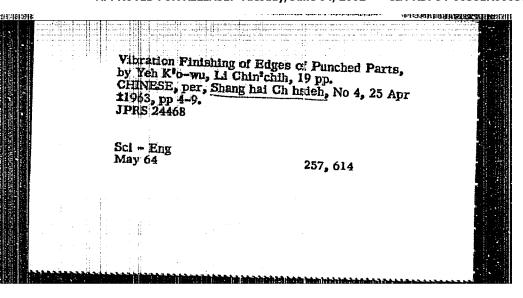
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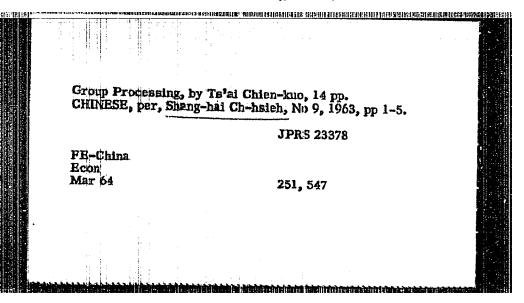


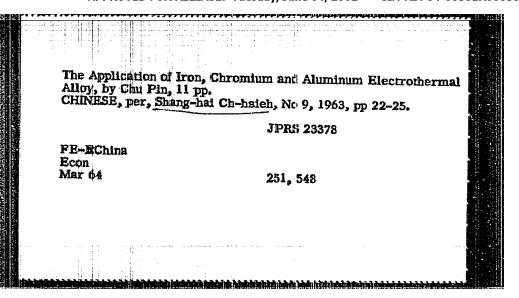
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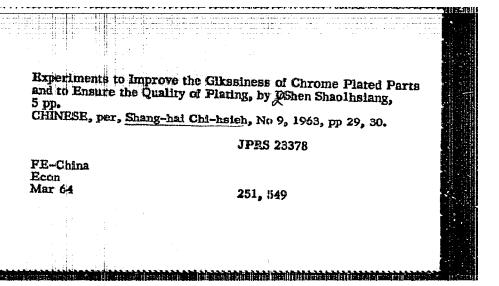
Vibration Finishing of Edges of Punched Parts, by Yeh K'o-wu, Ying Hung-liang. (SF-3084) CHINESE, per, Shang-ahi Chih-hsieh, No 4, 1963, pp 4-9.

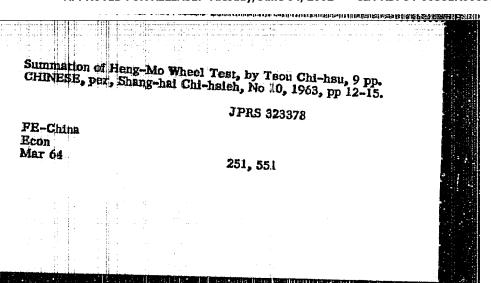
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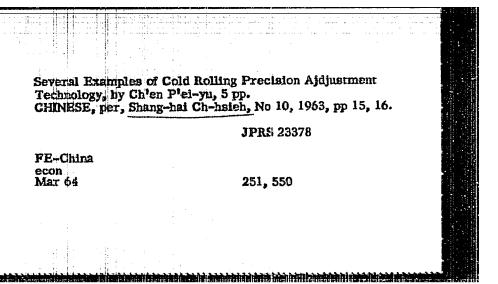
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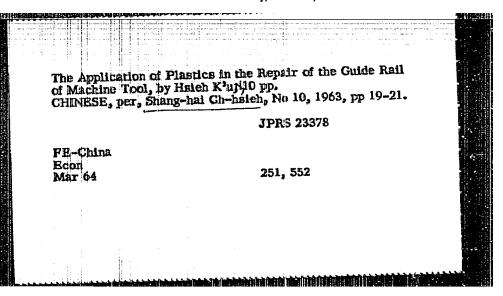


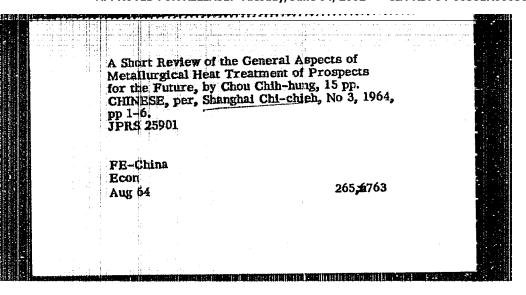


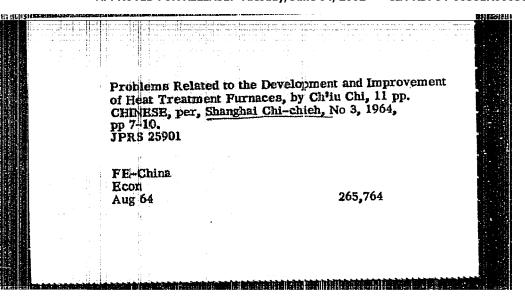


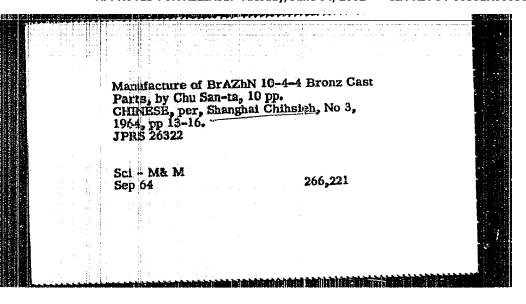


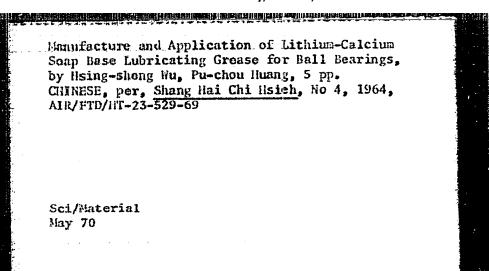










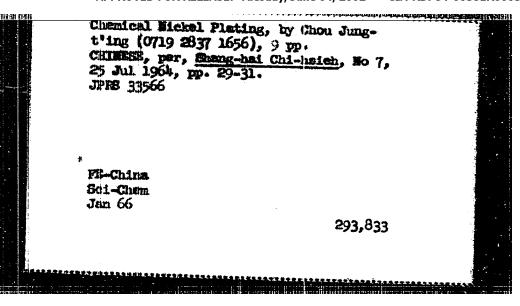


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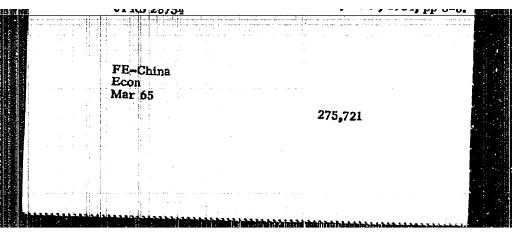
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Electrolyte Usee in Electrochemical Processing, by Kuni-meng P'an, Hsi-wen P'ei 6 pp. CHIMESE, per, Shang Hai Chi Hsieh, No 8, 1964, pp 29-30.

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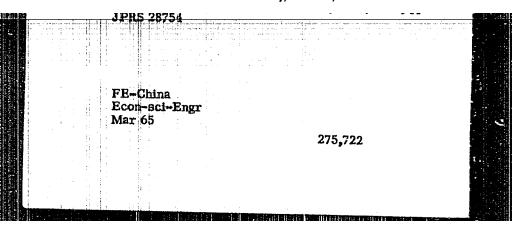


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